



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 10 FEDERAL AIR RULES FOR INDIAN RESERVATIONS

INITIAL / ANNUAL SOURCE REGISTRATION

Applicability: Air pollution sources regulated by 40 Code of Federal Regulations Part 49.138.

Please check box to show how you are using this form. ☐ Initial Registration ☒ Annual Registration

INSTRUCTIONS: Complete applicable parts of Sections A, B, C and D. 2012 Emissions

A. GENERAL INFORMATION

Identifying Information

Source (Facility) Name Columbia Ready Mix Inc.  
Wapato P.t (Portable Crusher)

Air Quality Operating Permit No. (if applicable) None Required

Nature of the Business Aggregate Producer

Telephone (509) 453-2063 Facsimile (509) 877-6963

Source Physical Address: Street 2131 Lateral 1 Rd

City Wapato County Yakima State WA ZIP 98951

Indian Reservation Name Yakama

Compliance Contact Chad Carlson Title General Manager

(Local Person responsible for source compliance with this rule)

Telephone (509) 453-2063 Ext. 120 Facsimile (509) 877-6963

Contact Person Mailing Address: Street (or PO Box #) P.O. Box 9337

City Yakima County Yakima State WA ZIP 98909

e.mail address chad@colombiasphalt.com

Received

**A. GENERAL INFORMATION Cont.**Owner's Name LS Wapato LLC (Steve + Larry Sali)Telephone (509) 453-2063 Ext.      Facsimile (509) 877-6963Owner Mailing Address: Street (or PO Box #) P.O. Box 9337City Yakima County Yakima State WA ZIP 98909 .e.mail address larrys@columbiaasphalt.comContact Chad Carlson Title General Manager

(Person authorized to receive requests for data and information)

Telephone (509) 453-2063 Ext. 120 Facsimile (509) 877-6963Contact Person Mailing Address: Street (or PO Box #) P.O. Box 9337City Yakima County Yakima State WA ZIP 98909 .e.mail address chad@columbiaasphalt.comOperator's Name Columbia Ready Mix Inc. (If different from Owner).Telephone (509) 453-2063 Ext.      Facsimile (509) 877-6963Operator's Mailing Address: Street (or PO Box #) P.O. Box 9337City Yakima County Yakima State WA ZIP 98909 .e.mail address chad@columbiaasphalt.comContact Chad Carlson Title General Manager

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## B. ATTACHMENTS

### Include all of the following information as attachments to this form

- ☐ Process flow chart identifying all processing, combustion, handling, storage, and emission control equipment
- ☐ Narrative description of the production processes and air pollution control equipment
- ☐ List of all emission units and air pollution generating activities; include model and serial numbers for portable equipment
- ☐ Plot Plan
  - ✓ Location of all emission units and air pollution generating activities
  - ✓ Property lines for the air pollution source
  - ✓ Elevation above grade for each emission release point
  - ✓ Distance and direction to nearest residential or commercial property
- ☐ Type and quantity of fuels, including sulfur content of fuels, used on a daily, annual and maximum hourly basis
- ☐ Type and quantity of raw materials used or final product produced on a daily, annual and maximum hourly basis
- ☐ Typical operating schedule, including number of hours per day, number of days per week and number of weeks per year
- ☐ List of estimated efficiency of air pollution control equipment under present or anticipated operating conditions
- ☐ Estimates of the total actual emissions from the air pollution source for the following air pollutants: particulate matter, PM<sub>10</sub>, PM<sub>2.5</sub>, sulfur oxides (SO<sub>x</sub>), nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), volatile organic compound (VOC), lead (Pb) and lead compounds, ammonia (NH<sub>3</sub>), fluorides (gaseous and particulate), sulfuric acid mist (H<sub>2</sub>SO<sub>4</sub>), hydrogen sulfide (H<sub>2</sub>S), total reduced sulfur (TRS) and reduced sulfur compounds, including all calculations for the estimates
- ☐ Other (provide details)

### **Confidential Treatment of Information**

You may assert a business confidentiality claim covering any portion of the submitted information as provided in 40 C.F.R. part 2, subpart B. Please submit any information you claim as confidential business information separately, along with your claim of confidentiality. Note that emissions data and information necessary to determine emissions is not entitled to confidential treatment. Failure to assert a claim in the manner described in 40 C.F.R. part 2, subpart B allows the submitted information to be released to the public without further notice. Information subject to a business confidentiality claim may be disclosed by EPA only to the extent set forth in the above-cited regulations.

**C. TABLE OF ANNUAL EMISSIONS**

The following table should be completed by inserting estimates of the total actual emissions in tons/year for all pollutants contained in your worksheet stated above.

Pollutant	Total Emissions
PM	0.625379
PM <sub>10</sub>	0.245766
PM 2.5	0.008604
SO <sub>x</sub>	0
NO <sub>x</sub>	0
CO	0
VOC	0
Pb	0
NH <sub>3</sub>	0
Fluorides	0
H <sub>2</sub> SO <sub>4</sub>	0
H <sub>2</sub> S	0
TRS	0
RSC	0

**Definition of acronyms**

PM	Particulate Matter
PM <sub>10</sub>	Particulate Matter less than 10 microns in size
PM <sub>2.5</sub>	Particulate Matter less than 2.5 microns in size
SO <sub>x</sub>	Sulfur Oxides
NO <sub>x</sub>	Nitrogen Oxides
CO	Carbon Monoxide
VOC	Volatile Organic Compound
Pb	Lead and lead compounds
NH <sub>3</sub>	Ammonia
Fluorides	Gaseous and particulates
H <sub>2</sub> SO <sub>4</sub>	Sulfuric Acid Mist
H <sub>2</sub> S	Hydrogen Sulfide
TRS	Total Reduced Sulfur
RSC	Reduced Sulfur Compounds

**D. OWNER OR OPERATOR CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS**

**Certifying Official Information:** Identify the certifying official and provide contact information.

Name: (Last) Carlson (First) Chad (Middle) P.

Title General Manager

Street or P.O. Box P.O. Box 9337

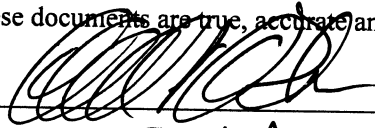
City Yakima County Yakima State WA ZIP 98909

Telephone (509) 453 2063 Ext. 120 Facsimile (509) 877 - 6963

e.mail address chad@columbiaasphalt.com

**Certification of Truth, Accuracy and Completeness:** The Certifying Official must sign this statement after the form is completed.

I certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

Name (signed) 

Name (printed or typed) Chad P. Carlson Date 1/21/13

**Return completed forms and attachments to:**

EPA Region 10 (OAWT-107)  
FARR Registration Coordinator  
Office of Air Waste and Toxics  
1200 Sixth Avenue  
Seattle, WA 98101

The public reporting and recordkeeping burden for this collection of information is estimated at 5.61 hours on average. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, US Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number 2060-0558 in any correspondence. Do not send the completed form to this address.

**WAPATO PIT EMISSIONS FOR FARR REGISTRATION**

<u>Emission Unit</u>	<u>Controlled Emission Factors</u>	<u>PM lbs/ton</u>	<u>PM10 lbs/ton</u>	<u>PM 2.5 lbs/ton</u>	<u>Tons Throughput</u>	<u>PM lbs</u>	<u>PM10 lbs</u>	<u>PM 2.5 lbs</u>	<u>Total lbs</u>
Primary Crusher	Coarse/Fines	0.0012	0.00054	0.0001	50329.50384	60.39540461	27.17793207	5.032950384	92.60628707
Secondary Crusher	Fines	0.0012	0.00054	0.0001	32714.27544	39.25713053	17.66570874	3.271427544	60.19426681
Tertiary Crusher	Fines	0.0012	0.00054	0.0001	32714.27544	39.25713053	17.66570874	3.271427544	60.19426681
Tertiary Crusher	Fines	0.003	0.0012	0.00007	10528.39234	31.58517701	12.6340708	0.736987464	44.95623527
<u>Total</u>									257.951056
Primary Screen	Coarse/Fines	0.0022	0.00074	0.00005	97944.00	215.4768	72.47856	4.8972	292.85256
Primary Screen	Fines	0.0036	0.0022	N/A	32714.27544	117.7713916	71.97140597	N/A	189.7427976
Primary Screen	Fines	0.0036	0.0022	N/A	10528.39234	37.90221241	23.16246314	N/A	61.06467555
<u>Total</u>									543.6600331
Conveyors 8 Total	Coarse/Fines	0.00014	N/A	N/A	97944	13.71216	N/A	N/A	13.71216
<u>Total</u>									13.71216
Haul roads	Coarse/Fines	0.0045	0.0016	N/A	97944	440.748	156.7104	N/A	597.4584
Handling & Storage	Coarse/Fines	0.0026	0.00094	N/A	97944	254.6544	92.06736	N/A	346.72176
<u>Total/lbs</u>									944.18016
<u>G. Total/lbs</u>									1745.791249

Generator	
1 gallon of #2 Ultra Low Sulfur Diesel equals:	138,500 Btu's
Total fuel consumed by the generator:	0.00 Gallons
Total MMBtu's for the #2 ULS Diesel:	0 MMBtu's

(Assume Sulfur Content of Fuel is 15 PPM)

Using Onsite Power (no generator operated for crusher)

Sandtailings are wet during screening and are not in the total throughput

<u>Emissions</u>	<u>Emission Factor</u>	<u>lbs/MMBtu</u>	<u>lbs</u>	<u>tons</u>
Nox	3.2	0	0	
CO	1.9	0	0	
SOx	1.01S	0	0	
PM	0.1	0	0	
<u>Total</u>		0	0	

0.561055

<u>Product Quantity (Wapato Only) No other operations in EPA juristiction</u>				
<u>Crushed Aggregates</u>	<u>MARCH</u>	<u>APRIL</u>	<u>MAY</u>	<u>JUNE</u>
1 1/4"-0" 52453.00	23513.00	28940.00	0.00	0.00
3/4"-0" 45491.00	0.00	10565.00	32382.00	2544.00
Screened out prior to Crusher	No crushing occurred in any other month of the year			
Sandtailings 36870.00				
Total Materials 134814.00				
<u>Generator</u>	<u>Crusher</u>	<u>Generator</u>	<u>Crusher</u>	<u>Combined</u>
<u>Totals/lbs</u>	<u>Totals/lbs</u>	<u>Totals/tons</u>	<u>Totals/tons</u>	<u>Totals/lbs</u>
0	1745.791249	0	0.872895625	1745.791249
				0.872895625

(All numbers are assumed to be accurate based on the information provided by EPA and Columbia Ready Mix Inc. )